

Title (en)
DC-DC converter and organic light emitting display including the same

Title (de)
DC/DC-Wandler für ein OLED-Display

Title (fr)
Convertisseur CC-CC pour un affichage électroluminescent organique

Publication
EP 2639784 A3 20141022 (EN)

Application
EP 12186648 A 20120928

Priority
KR 20120026009 A 20120314

Abstract (en)
[origin: EP2639784A2] A DC-DC converter (20) includes a first power source generator (210), the first power source generator including an input port (IN) and a first output port (OUT1), the first power source generator being configured to receive an input power source (50) to the input port, and being configured to generate a first power source (ELVDD), the first power source being output to the first output port (OUT1), and a selecting unit (230), the selecting unit being configured to selectively transmit, to the first power source generator (210), one of: a feedback voltage (Vfbp), the feedback voltage being input from an external feedback wiring line (190) via a feedback terminal (FBP), and a voltage of the first output port (OUT1).

IPC 8 full level
G09G 3/32 (2006.01); **H02M 3/155** (2006.01); **H02M 1/00** (2007.01)

CPC (source: EP US)
G05F 1/24 (2013.01 - EP US); **G09G 3/3233** (2013.01 - EP US); **G09G 3/3258** (2013.01 - US); **H02M 3/156** (2013.01 - US); **H02M 3/158** (2013.01 - EP US); **G09G 2310/0264** (2013.01 - US); **G09G 2310/0278** (2013.01 - US); **G09G 2320/0233** (2013.01 - US); **G09G 2320/04** (2013.01 - EP US); **G09G 2330/00** (2013.01 - EP US); **G09G 2330/08** (2013.01 - EP US); **G09G 2330/12** (2013.01 - EP US); **H02M 1/0025** (2021.05 - EP US)

Citation (search report)
• [XY] US 5479329 A 19951226 - MOTONOBU MASAHIRO [JP], et al
• [YA] US 2011316838 A1 20111229 - AHN JUNG-KEUN [KR]

Cited by
EP3023972A1; EP2980781A1; EP3026806A1; EP3579221A1; EP4220619A1; US9786218B2; US9972247B2; US9728118B2; EP2879124B1; US10804353B2; US11302772B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2639784 A2 20130918; EP 2639784 A3 20141022; CN 103312164 A 20130918; CN 103312164 B 20171205; KR 101897679 B1 20180913; KR 20130116411 A 20131024; US 2013241808 A1 20130919; US 2015155779 A1 20150604; US 8952954 B2 20150210; US 9431903 B2 20160830

DOCDB simple family (application)
EP 12186648 A 20120928; CN 201210342804 A 20120914; KR 20120026009 A 20120314; US 201213586103 A 20120815; US 201514614012 A 20150204